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Or

1961

Wm. Kirch - orchids, ltd.

Honolulu, Hawaii
presents

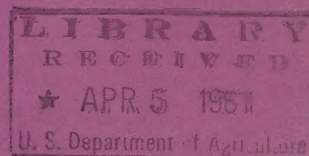
Cattleya

Cypripedium

Oncidium Alliance

Selected Orchids

to grow
with *Cattleyas*



C. EMPRESS BELLS A. M. H. O. S.
(see 1C-39 to 10-42)

CATTLEYA

and Allied Genera

CULTURE:

These are among the easiest of all orchid plants for the amateur to grow. If you are just starting, Cattleyas will give you what you want. They can be quite successfully grown in many locations without a glass house.

They should be grown in a temperature range of not less than 55° F., at night with a daily range not to exceed 30° F., above the current night temperature. Thus, if your night temperature was maintained at 55° F., the maximum rise during the following day should not exceed 85° F.

Potting can be done in Osmunda Fibre, Hawaiian Tree-Fern, or any of the new Bark composts. We highly recommend the latter, due to ease of use and handling thereafter.

Cattleyas should be watered as often as they get dry. Location, type of potting media, season, state of growth of the plant, and light, all play an important part in the speed with which a plant will dry out. There is no hard or fast rule—Observe your plant and when it is dry, give it a good soaking. Then do not water again until dry.

Cattleyas will benefit by the use of fertilizers. Again, several factors are important as to the use of fertilizer. Light, rate of growth of the plant, season all are important. Remember, plants are like humans; when active they eat more, when dormant less. Use your good common sense as a guide. Any complete liquid fertilizer recommended for orchids is suitable.

If you have a specific problem, write to us. We will be happy to try and solve it for you.



LC. CLAIRE SATO (1C-8)

YELLOW CATTLEYAS

We use this term loosely to convey a large range of color types. We consider as the yellow group all those hybrids that do not contain the basic lavender influence in the cross. Hence in this group you will find shades of green, yellow, orange, bronze, apricot, salmon, etc. In each cross we note the basic color expectancy. These hybrids are quite variable and no two plants are exactly alike. We are grouping them into two sections—Large Flowered 5" and over and Small Flowered up to 5". The latter are normally produced in clusters with many more flowers per spray than in the large types.

LARGE

- 1C-1—L. Tenebrosa x Blc. Miranda var. Chartreuse Queen A.M.A.O.S. Green bronze—Fall. 1½"
- 1C-2—Blc. Llewellyn 4n x B. Digbyano—Bronze yellow—Summer. 1½"
- 1C-3—C. Thebes var. Bronze King 4n x B. Digbyano—Bronze yellow—Summer. 1½"
- 1C-4—Lc. Edgar Van Belle x Blc. Llewellyn 4n—Bright yellow to orange—Fall. 1½" 2" 3"
- 1C-5—L. Tenebrosa x Slc. Gary Copeman—Golden Bronze—Fall. 3" 4"

- 1C-6—Lc. Lorraine Shirai var. Emerald x C. Bow Bells var. Rivermont—Pale green—Winter. 5"
- 1C-7—C. Sara Cohn (Dowiana x R. H. Jewell)—Yellow, very dark lip—Late spring, early summer. 6" 7"
- 1C-8—Lc. Claire Sato (C. Triumphans x Lc. S. J. Bracey)—Bronze yellow—Summer, fall. 5" 6"
- 1C-9—Blc. Ojai (Bc. Pervenusta x Lc. Luminosa Aurea)—Shades of yellow with pink—Fall, Winter. 5" 6"
- 1C-10—Lc. Edgar Omura x Blc. Hanako Miyamoto—Yellow red lip—Summer, fall. 2"
- 1C-11—C. Thebes Bronze King 4n x Lc. Edgar Omura—Yellow Bronze—Summer, fall. 2"
- 1C-12—C. Thebes var. Majestic 4n x Lc. Hassallii alba—Yellow to chartreuse—Spring, summer. 2"
- 1C-13—C. Thebes Bronze King 4n x Blc. Queen Aprica var. Golden Radiance—Yellow to orange—Summer, fall. 1½"

SMALL

- 1C-14—Lc. Petite x Peggy Moir—Yellow red lip—Fall. 3"
- 1C-15—Lc. Edgar van Belle x C. Barbara Kirch—Orange yellow—Winter, spring. 1½" 2"
- 1C-16—Blc. Greengold x Blc. Cophetua—Green—Fall. 3"
- 1C-17—C. Forbesii—L. Xanthina x Lc. Granacity—Bronze—Spring. 1½"
- 1C-18—Bc. Veludosa x B. Digbyano—Bronze orange—Fall. 1½"

1C-19—C. *Eurydice* x Lc. *Edgar Van Belle*—Dark Copper—Winter. 1½"

1C-20—C. *Guatemalensis* x Slc. *Firefly*—Yellow apricot to red—Winter, spring. 1½" 2"

1C-21—Lc. *Grandee* var. *Jules Furthman* 4n x C. *guttata Leopoldi*—Shades of bronze—Fall. 1½" 2" 3"

1C-22—C. *Priscilla Ward* x *Intermedia alba*—Light to intense green—Spring. 1½" 2" 3"

1C-23—C. *Guatemalensis* var. *Butter* x L. *Harpophylla*—Dark Orange—Spring. 1½" 2" 3"

1C-24—C. *Aurantiaca* x C. *Pualilili*—Orange to Salmon—Winter, spring. 1½"

1C-25—Blc. *Iliad* x C. *Guatemalensis* var. *Butter*—Orange to apricot—Spring. 1½"

1C-26—C. *Priscilla Ward* (C. *granulosa* x *Forbesii*)—Green—Fall, winter. 1½" 2"

1C-27—Lc. *Calizona* x G. S. *Ball*—Orange—Fall. 1½"

1C-28—C. *Confettii* (*Aurantiaca* x *Trianae*)—Salmon to peach—Winter. 2" 3"

1C-29—C. *Iris* (*Bicolor* x *Dowiana*)—Bronze—Summer, Fall. 5" 6"

1C-30—Lc. *Eugene Casey* x Lc. *Edgar Van Belle*—Dark yellow—Fall, winter. 1½" 2"

1C-31—B. *glauca* x Lc. *Coronet*—Dark orange—Fall, winter. 1½"

1C-32—Lc. *Mercia* x Lc. *Alma*—Bright yellow—Spring. 1½"

1C-33—Lc. *Excelsis* x C. *Granulosa* var. *Schofieldiana*—Green yellow—Fall. 2" 3"

1C-34—C. *Pualilili* x Lc. S. J. *Bracey*—Variable yellow shades—Summer, fall. 3" 4"

1C-35—Slc. *Rainbow Hill* x L. *Flava*—Dark yellow—Spring. 1½" 2"

1C-36—C. *Forbesii* x L. *Flava*—Orange yellow—Spring. 1½" 2"

1C-37—L. *Flava* x C. *Green Gold*—Green yellow—Spring. 1½"

WHITE CATTLEYAS

All of the large hybrids we offer are of the very famous polyploid C. Bow Bells type. These are the perfect large heavy textured flowers that are so popular for both exhibition and cut flower work. With the consistently high quality of these strains one cannot afford to grow the poorer diploid strains anymore.

Our small hybrids involve three basic influences for smallness. C. *Loddeggessii*, C. *Intermedia* and L. *Anceps alba* var. *Bulls*. The first parent gives nice round flowers, the second the whitest of white but not so round in shape, the latter very long stems. Crosses involving type one are: 1C-52 and 1C-53.

Type two are: 1C-49, 1C-51.

Type three are: 1C-50, 1C-54, 1C-55.

LARGE CATTLEYAS — WHITE

1C-38—C. *Gen. Patton Perfection* x *Suzanne Hye June Bride*—Summer, fall. 4"

1C-39—C. *Empress Bells A.M.H.O.S.* x *Gen. Patton var. Perfection*—Winter, spring. 4"

1C-40—C. *Empress Bells A.M.H.O.S.* x *Suzanne Hye June Bride*—Summer, fall. 3" 4"

1C-41—C. *Empress Bells A.M.H.O.S.* x *Self*—Winter, spring. 3" 4"



C. OKAMI var NOEL (1C-65)

CATTLEYA ALBA

These are the white with purple lip types. All crosses are of the large flowered type. Many people prefer this two toned color combination to pure white. Plants are very vigorous and exceptionally free flowering.

One cross C. *Okami* var. *Noel* has purple on the petals as well as the lip. This is often referred to as "splashed petals." It is an intensely colored subject and very beautiful.

LARGE CATTLEYAS — ALBA

1C-56—C. *Mossiae Reineckiana Youngs* x C. *Princess Royal Alba* xx C. *Enid Alba*—Spring. 3"

1C-57—C. *Alesia* x *Enid Alba*—Spring. 3"

1C-58—C. *Loranore Alba* x C. *Mossiae Reineckiana Youngs* xx Lc. *Cantabile Alba* var. *Doris Bush* 4n—Fine quality, winter, spring. 2" 3"

1C-59—Lc. *Terry Wayne* x Lc. *Fedora* var. *Everest*—Fall, winter. 4" 5"

1C-60—Lc. *Terry Wayne* x Blc. *Ann Sladden*—Winter, spring. 4"

1C-61—Blc. *Nanette Alba* x Lc. *Chito*—Spring. 4" 5"

1C-62—Blc. *Nanette alba* x Lc. *Fedora* var. *Everest*—Spring. 4" 5"

1C-63—Bc. *Frederick Stoye* (C. *Hardyana* alba x Bc. *Ann Sladden*)—Spring. 3"

1C-64—C. *Hardyana Alba* x self—Fall. 4"

1C-65—C. *Okami* var. *Noel* (Gigas FMB x *Suavior Acquinii*)—Christmas flowering. Beautifully splashed—see illustration With us flowers at Christmas. 5"

1C-66—Lc. *McNeil Beauty* x Lc. *Fedora* var. *Everest*—Fall. 4"

1C-42—C. *Empress Bells A.M.H.O.S.* x *Bob Betts*—Winter, spring. 3" 4"

1C-43—C. *Gen. Patton* var. *Perfection* x *Self*—Winter, spring. 3" 4"

1C-44—C. *Gen. Patton* var. *Perfection* x *Bob Betts*—Winter, spring. 3" 4"

1C-45—C. *Bow Bells-Swan* x *Bow Bells Honolulu* x self—Winter, spring. 4"

1C-46—C. *Bob Betts* x *Suzanne Hye June Bride*—Winter, spring. 3" 4"

1C-47—C. *Esbetts* (*Estelle* x *Bob Betts*)—Winter, spring. 3" 4" 5"

1C-48—C. *Bob Betts* x *White Sail*—Winter, spring. 4"

SMALL CATTLEYAS — WHITE

1C-49—C. *Intermedia alba* x self—Clear white, spring. 1½" 2"

1C-50—C. *Gen. Patton* x Lc. *Kahili Kea*—Winter—Fine quality. 3"

1C-51—C. *Cotton Belle* x *Intermedia alba*—Spring. 2"

1C-52—C. *Cybele-Snowdon* x *Euchonia*—Winter, spring. 2"

1C-53—C. *Euchonia* x *Bob Betts*—Winter, spring. 2"

1C-54—C. *Cybele-Snowdon* x L. *Anceps alba Bulls*—Fall, winter. 2"

1C-55—C. *Euchonia* x L. *Anceps alba Bulls*—Fall, winter. 1½" 2"

RED CATTLEYAS

Grouped together are those crosses that have a red tone to the flower. Two types of breeding are involved; (1) Crosses with the influence of the genus *Sophranitis* and (2) Crosses with yellow x lavender. The latter often produce intense red colors. Crosses of this nature are highly variable and the intensity of color varies between individual plants. It pays to buy more than one seedling of a cross to assure yourself of the best. We also group them for large and small size flowers.

LARGE CATTLEYAS — RED

- 1C-67—Lc. Canberra Stonehurst 4n x Blc. Wendell Hoshino—Red Bronze—Fall. 3" 4"
 1C-68—Blc. Frank Tatsumura x Lc. Mysedo var. Miya—Red Bronze—Fall, winter. 3" 4"
 1C-69—C. Ashland x Lc. Mysedo var. Miya—Orange red to bronze—Fall. 4" 5"
 1C-70—Blc. Matriarch x Slc. Rainbow Hill—Red purple—Winter, spring. 1 1/2"
 1C-71—C. Dowiana Aurea x Slc. Radians—Dark red—Spring, summer. 1 1/2"
 1C-72—Lc. Souladzu x Lc. Mysedo var. Miya—Orange red—Fall. 3"
 1C-73—Slc. Rainbow Hill x Blc. Wendell Hoshino—Red purple—Winter, spring. 2"
 1C-74—Lc. Los Angeles x Blc. Norman's Bay var. Low's F.C.C.R.H.S.—Red Bronze—Spring, summer. 1 1/2"

Lc. MYSEDO var MIYA
 (see crosses: 1C-68, 1C-69, 1C-GB)



SMALL CATTLEYAS — RED

- 1C-75—Lc. Isotta x Hawaiian Sunset—Bronze red—Fall. 2" 3" 4"
 1C-76—Lc. Pensbera x C. Superba—Violet red—Fall. 2"
 1C-77—Lc. Indra x Slc. Gary Copeman—Bronze—Fall, winter. 3" 4"
 1C-78—Lc. Isotta x C. guttata Leopoldi—Bronze—Summer, fall. 2" 3"
 1C-79—Lc. Venetia x Slc. Gary Copeman—Bronze—Fall, winter. 2" 3" 4"
 1C-80—Lc. Carrie Estelle x C. Rembrandt-Velutina—Bronze—Fall. 1 1/2"
 1C-81—Lc. Wriget x Slc. Naomi Kerns var. Fire King—Red purple—Spring. 1 1/2"
 1C-82—Rembrandt-Velutina x Blc. Cophetua—Dark red—Spring. 1 1/2"
 1C-83—Lc. Hawaiian Sunset x C. guttata Leopoldi—Red bronze—Fall. 1 1/2"
 1C-84—C. Bertii x L. Xanthina—Dark red—Winter. 1 1/2"
 1C-85—C. Bowringiana x C. Rembrandt-Velutina—Red lavender—Winter. 1 1/2"
 1C-86—Lc. Wriget x Lc. Granacity—Bronze red—Spring. 1 1/2"
 1C-87—Slc. Firefly x Bc. Mrs. Leeman—Red—Fall, winter. 1 1/2" 2"
 1C-88—C. Red Top Mountain (C. guttata x Princess Royal)—Red purple—Fall and variable. 5" 6" 7"
 1C-89—Lc. Isotta x Slc. Radians—Red lavender—Fall. 2" 3"
 1C-90—C. Rembrandt-Velutina x Lc. Wriget—Red lavender—Winter, spring. 1 1/2"
 1C-91—Lc. Ardglory x Lc. Wriget—Red lavender—Spring, summer. 4"
 1C-92—C. Bowringiana x Batalinii—Red bronze—Fall. 1 1/2"
 1C-93—C. Bertii x guttata—Bronze red—Fall. 1 1/2"
 1C-94—Lc. Isotta x Lc. Sunburst—Red lavender—Fall. 3"
 1C-95—Lc. Portia Priam x Lc. Wriget—Bronze red—Spring. 3"

LAVENDER CATTLEYAS

This color group is the one most commonly found. Our breeding therefore has not been aimed at just producing more lavender Cattleyas but with particular reference to quality, off color (i.e.) pink to very dark, and season.

In this list we are very pleased to offer a number of the famous Blc. Normans Bay Crosses. Our stud collection of Blc. Normans Bay is quite large and we are most confident of the quality of the seedlings offered.

Again, we break the group into large and small flowering types.

LARGE CATTLEYAS — LAVENDER SHADES

- 1C-96—C. Dinahbo x Lc. Venetia—Medium lavender—Fall. 4"
 1C-97—Lc. Joseph Hampton F.C.C.A.O.S. x Lc. Wildine—Dark lavender—Fall. 4" 5"
 1C-98—C. Dinahbo x Lc. Cabazon—Light lavender—Fall, winter. 5"
 1C-99—C. Trianae Bankhouse x Blc. Dinatea—Pink lavender—Winter. 2"

- 1C-100—Lc. Princess Margaret var. Prince F.C.C.R.H.S. x Blc. Wendell Hoshino—Medium lavender—Summer to fall. 2"
 1C-101—C. Schroderae x Lc. Adina var. Perfecta—Light pink—Winter. 2"
 1C-102—Lc. O'Dell Morgan x Lc. Windemere Tenney—Medium lavender—Fall. 1 1/2" 2"
 1C-103—Blc. Jane Russell (Lc. Balkis superba x Bc. Harland)—Dark lavender—Fall. 1 1/2"
 1C-104—Lc. Balkis var. Superba x Lc. South Esk var. Ruby—Medium lavender—Fall. 1 1/2" 2"
 1C-105—Blc. Charles Tanaka var. Perfection x Lc. Hyperion Yamamoto H.C.C.A.O.S.—Medium lavender—Fall. 1 1/2"
 1C-106—Lc. Cabazon x Lc. Ishtar F.C.C.R.H.S.—Medium lavender—Fall. 1 1/2"
 1C-107—Lc. Wilborough F.C.C.A.O.S. x C. Titiranae Mandarin F.C.C.A.O.S. xx Lc. Invicta F.C.C.R.H.S.—Medium lavender—Fall. 1 1/2"
 1C-108—Bc. Princess Patricia F.C.C.R.H.S. x Blc. Wendell Hoshino—Light lavender—Winter, spring. 1 1/2"
 1C-109—Bc. Princess Patricia F.C.C.R.H.S. x Lc. Helen Wilmer var. Lines—Light lavender—Spring. 1 1/2"
 1C-110—Lc. Edward Mathews x Lc. Princess Ishtar var. Lauderdale—Medium lavender—Fall. 1 1/2"
 1C-111—C. Sedeles Combe var. Gempei x C. Bob Betts var. Moanalua A.M.H.O.S.—Pale pink—Fall. 1 1/2"
 1C-112—Blc. Wake Island The Queen x Lc. Gitche Manito—Medium lavender—Spring. 1 1/2"
 1C-113—C. Bow Bells var. Honolulu x Lc. Edward Mathews—Pink—Fall. 1 1/2"
 1C-114—Bc. Estelle x Lc. Helen Mizuta—Dark Lavender—Fall. 4"
 1C-115—Lc. Iris Kodama (Lc. Dorothy Fried x Lc. Balkis var. Superba)—Medium lavender—Fall. 3"

Blc. FRANK TATSUMURA
 (see crosses: 1C-126, 1C-129, 1C-68)



- 1C-116—Blc. Wake Island The Queen x Blc. Mem. Isami Oshita var. Splendor—Dark lavender—Spring. 3"
 1C-117—C. Claire Nishimura var. Splendor x Lc. Emma Mat-suguma—Medium lavender—Summer, fall. 4"
 1C-118—Blc. Mem. Isami Oshita var. Splendor x Blc. Wendell Hoshino—Medium lavender—Winter, spring. 4"
 1C-119—Lc. Gloriette Superba F.C.C.R.H.S. x Blc. Wendell Hoshino—Dark lavender—Fall, winter. 3" 4"
 1C-120—Lc. Indra x Blc. Wendell Hoshino—Dark lavender—Winter. 4" 5"
 1C-121—Blc. Normans Bay Splendor x Blc. Wendell Hoshino—Dark lavender—Fall. 2"
 1C-122—Blc. Normans Bay Splendor x Lc. Isabel Sanders var. Magenta—Dark lavender—Fall. 1 1/2"
 1C-123—Lc. Balduar var. Distinction x Blc. Normans Bay—Dark lavender—Fall. 1 1/2"
 1C-124—Blc. Normans Bay x Lc. Hyperion—Dark lavender—Fall. 1 1/2"
 1C-125—Blc. Dinatea x Blc. Normans Bay "Low" F.C.C.R.H.S.—Dark lavender—Fall. 1 1/2"
 1C-126—Blc. Frank Tatsumura x Blc. Normans Bay "Low" F.C.C.R.H.S.—Dark lavender—Fall. 1 1/2"
 1C-127—Lc. Helen Wilmer var. Lines x Blc. Normans Bay "Low" F.C.C.R.H.S.—Dark lavender—Fall. 1 1/2"
 1C-128—Bc. Hartland var. Low x C. Harbinger-Angus—Dark lavender—Winter. 2"
 1C-129—Lc. Indra x Blc. Frank Tatsumura—Dark lavender—Winter. 2"
 1C-130—Lc. Princess Margaret F.C.C.R.H.S. x Lc. Twinkle Star var. Midnight C.R.H.O.S.—Very dark lavender—Winter, Spring. 2"
 1C-131—Blc. Matriach x Lc. Superbia—Dark lavender—Winter. 2"
 1C-132—Lc. Walter Jewell-St. Gothard x Bc. Hartland—Dark lavender—Fall, winter. 4"
 1C-133—Lc. Balkis var. Superba x Lc. Walter Jewell-St. Gothard—Dark lavender—Fall. 4"
 1C-134—Lc. Windemere var. Clovellys A.M.R.H.S. x Blc. Patrick Mizuta—Light lavender—Winter. 2"
 1C-135—Lc. Sargon Holfords x Blc. Wake Island The Queen—Dark lavender—Fall, winter. 2"
 1C-136—Blc. Nanette x C. Bob Betts var. Moanalua A.M.H.O.S.—Pink—Spring. 4"

SMALL CATTLEYAS — LAVENDER

- 1C-137—Lc. Hawaiian Sunset x L. Crispa—Medium lavender—Summer. 4"
 1C-138—Lc. Granacity x Lc. F. B. Chase—Dark lavender—Spring. 1 1/2" 2"
 1C-139—Lc. Isotta x Lc. Gitche Manito var. Splendor—Dark lavender—Fall. 1 1/2"
 1C-140—C. Rembrandt x Blc. Kanoa—Light lavender—winter. 3"
 1C-141—C. R. Prowe x L. Autumnalis—Pink—Winter, spring. 3" 4"
 1C-142—C. Bertii x C. Guttata Prinzii—Dark lavender—Fall, winter. 1 1/2"
 1C-143—C. Rembrandt x Lc. Balkis var. Superba—Dark lavender—Fall. 4" 5"
 1C-144—C. Guatemalensis x Skinneri Alba—Pale pink—Spring. 3" 4"
 1C-145—C. R. Prowe x L. Speciosa—Pink—Spring. 4"
 1C-146—C. Nigretta-Loddesgii x C. Superba—Dark lavender—Fall, winter. 2" 3" 4"
 1C-147—C. Rembrandt x Lc. Helen Wilmer—Medium lavender—Fall. 2"

BOTANICAL NOVELTIES

CATTLEYA ALLIANCE — BOTANICAL NOVELTIES

Offered in this large group are some of the wonderful new novelties that add so much spice to your collections. Many people like to grow species because of their charm and distinction. These hybrids have all the charm and distinction of the species but because they are hybrids do not cause all the cultural problems involved with most species. They are most compatible and happy to grow right along side the conventional Cattleya hybrids. No special care or space need be provided.

There are seven basic types. We shall head each group with a few remarks.

TERETE BRASSOVOLA CROSSES

In the genus Brassovola there are several species that have terete (pencil like) foliage. They are compact little plants, very free flowering, and make wonderful pot plants. The big draw back of the species is that the flowers lack color. By combining them with the highly colored Cattleya hybrid we have maintained the charm of the species but added the lack of color. By all means try these.

- 1C-148—B. Nodosa x C. Batalinii—Bronze lavender—Fall, winter. 1 1/2"
 1C-149—B. Nodosa var. gigas x C. Bowringiana—Large flower—lavender—Fall. 1 1/2" 2"
 1C-150—B. Cordata x C. Bowringiana—Lavender—small—Fall. 2" 3" 4"
 1C-151—L. Xanthina-Lc. Interbrosa x B. Amazonica—Bronze yellow—Spring. 2" 3"
 1C-152—Bc. Gold Strike (B. Cordata x C. Aureole-Lc. R. H. Jewell)—Pure golden yellow—Winter, spring. 4"

BROUGHTONIA HYBRIDS

Broughtonia Sanguinea—a charming miniature, blood red in color, perfect in shape, has been combined in this group with various species and hybrids. The results of those that we have seen are the most perfect little Lilliputian Cattleyas one could ask for. Rosy Jewell is a gem. If you like the petite try this group.

- 1C-153—Cattleytonia Rosy Jewell (C. Bowringiana x B. Sanguinea)—Salmon to red bronze—Fall, winter. 1 1/2"
 1C-154—Diabroughtonia Alice Hart (D. Bicornutum x B. Sanguinea)—Red pink to white—Spring. 1 1/2" 2" 3" 4"
 1C-155—B. Sanguinea x Epi. Biffidum—Red bronze—Summer, fall. 3"
 1C-156—C. Guatemalensis x B. Sanguinea—Red bronze—Spring. 1 1/2"
 1C-157—Leiponia Kingston (B. Sanguinea x Laeliopsis Domingensis)—Dark pink—Fall. 2"



BROUGHTONIA SANGUINEA

CATTLEYTONIA ROSY JEWELL (1C-153)





DIACATTELYA CHASTITY (1C-158)

DIACRIUM CROSSES

We have used two species of Diacrium—*bicornutum* and one plant of a very superior form of *bilamellatum*. Flowers have wonderful shape and in most cases the most charming perfume. Colors usually are in the light pastel shades. Plants are very prolific in flowering habit—flowering several times a year. Hence we do not list a specific season.

- 1C-158—*Diacattleya Chastity* (C. *granulosa* x D. *Bicornutum*)—Green—white to pale pink. 3" 4"
 1C-159—C. *Amethystoglossa* x D. *Bicornutum*—White spotted pink. 1 1/2" 2" 3"
 1C-160—Sc. *Diamond Head* x D. *Bicornutum*—Pale lavender. 1 1/2"
 1C-161—C. R. *Prowe* x *Diacattleya Fantasy*—White to Pink. 1 1/2" 2"
 1C-162—Sc. *Curlyhead* x D. *Bicornutum*—Pastel pink. 2" 3" 4"
 1C-163—Lc. *Issy* x D. *Bicornutum*—Bronze pink. 2" 3" 4"
 1C-164—C. *Intermedia Alba* x D. *Bicornutum*—Pure white. 1 1/2"
 1C-165—S. *Luddemaniana* x D. *Bilamellatum*—Pale bronze. 3" 4"
 1C-166—S. *Humboldtii* x D. *Bicornutum*. 3"
 1C-167—L. *Firefly* x D. *Bilamellatum*—Red pink. 3"
 1C-168—*Epidiacrium Stella* (E. *Vitelinum majus* x D. *Bicornutum*)—Cream. 2" 3"

BULBOUS EPIDENDRUMS

A group of wonderful orchids! Usually very large sprays or clusters. Flowers of tremendous lasting quality both on the plants and cut. No plant is of easier culture or as rewarding in performance. This group deserves far more attention than people give it.

- 1C-169—Epi. *Nutans* x *Xiphères*—Green—Spring. 3" 4"
 1C-170—Epi. *lonophlebium* x *Atropurpureum*—Light pink—Spring. 3"
 1C-171—Epi. *Selligerum* x *Brownie*—Yellow—Spring. 3"
 1C-172—Epi. *Olorosum* x *Selligerum*—Chartreuse—Spring. 3"
 1C-173—Epi. *Brownie* x *Nemorale*—Bronze purple—Spring. 3" 4"
 1C-174—Epi. *Brownie* x *Olorosum*—Variable—Spring. 2" 3" 4"
 1C-175—Epi. *Betty May* x *Brownie*—Green and pink—Spring. 5"

- 1C-176—Epi. *Selligerum* var. *Mustard* x *Self*—Mustard yellow—Spring. 5"
 1C-177—Epi. *Atropurpureum* x *Nemorale*—Pink—Spring. 3"
 1C-178—Epi. *Xiphères* x *Tampense*—Brown with pink lip—Late spring. 1 1/2" 2" 3"
 1C-179—Epi. *Cocheleatum* x *lonophlebium*—Cream—Spring. 3"
 1C-180—Epi. *Brownie* x *Plicatum*—Gold, red lips—Spring. 1 1/2" 2"
 1C-181—Epi. *Gail Nakagawa* x *Atropurpureum roseum*—Red purple—Spring. 1 1/2" 2"
 1C-182—Epi. *Brownie* x *Atropurpureum*—Bronze—Spring. 3" 4"
 1C-183—Epi. *Fragrans* x *Atropurpureum roseum*—Light pink—Spring. 1 1/2"
 1C-184—Epi. *Betty May* x *Plicatum*—Brown white, white lip—Spring. 3" 4"
 1C-185—Epi. *Candoleri* x *Nemorale*—Lavender pink—Spring. 1 1/2" 2"
 1C-186—Epi. *Profusum* x *self*. 1 1/2" 2"
 1C-187—Epi. *Alatum* x *Riatea*—Brown—Fall. 3"
 1C-188—Epi. *Plicatum* x *Dichromum*—Bronze and gold—Winter. 1 1/2" 2"
 1C-189—Epi. *Radiatum* x *Vitelium majus*—Yellow—Fall. 1 1/2"

EPI-CATTELYA CROSSES

Combined here are the best species of the genus *Epidendrum* with the conventional *Cattleya* hybrid. The result is a compact plant, medium sized flower (2"-3") in large clusters and usually on long sprays. Flowers are very long

lasting, have in many cases most unusual colors and exceptionally good shape. We recommend these highly for cut flowers—or display. If you try them you are sure to be charmed by their wonderful assets.

- 1C-190—C. *Granulosa* Green var. x Epi. *Stamfordianum*—Green—Winter. 1 1/2"
 1C-191—Slc. *Firefly* x Epi. *Pseudoeipendrum*—Red and orange—Fall. 1 1/2"
 1C-192—C. *Superba* x Epi. *Atropurpureum roseum*—Dark purple—Spring. 1 1/2"
 1C-193—Epi-Cat. *Charming* (C. *Pualilii* x Epi. *Dichromum*)—Pink—Winter. 3" 4"
 1C-194—C. *Priscilla Ward* x Epi. *Aromaticum*—Green—Fall. 1 1/2" 2" 3"
 1C-195—Epi-Cat. *Preview* (C. *Bowringiana* x E. *Brevifolium*)—Rose pink—Fall. 1 1/2" 2"
 1C-196—Epi. *Cocheleatum* x Slc. *Firefly*—Green bronze—variable. 1 1/2" 2"
 1C-197—Epi. *Lee Ward* x C. *Bowringiana*—Bronze—Fall. 1 1/2"
 1C-198—Lc. *Isotta* x Epi. *Plicatum*—Rose purple—Fall. 1 1/2"
 1C-199—C. *Batalinii* x Epi. *Nemorale*—Bronze pink—Spring. 1 1/2" 2"
 1C-200—Epi-Cat. *Ecstasy* (E. *Atropurpureum* x C. R. *Prowe*)—Rose purple—Spring. 2" 3"
 1C-201—Epi. *Biffidum* x Sc. *Poni*—Bronze purple—Fall. 3"
 1C-202—Epi. *Fragrans* x C. *Guatemalensis*—Pink to buff—Spring. 3" 4"
 1C-203—Epi. *Criniferum* x C. *Guatemalensis*—Pink—Spring. 3" 4"
 1C-204—Epi. *Biffidum* x C. *Bowringiana*—Dark purple—Fall. 3"
 1C-205—C. *Guatemalensis* x Epi. *Atropurpureum*—Bronze Lavender—Spring. 1 1/2"

EPI-CATTELYA PREVIEW (1C-195)





SCHOMBOCATTLEYA HARRY DUNN
(see crosses: 1C-210, 1C-215, 1C-2v7)

SCHOMBURGIA HYBRIDS

Rather large growing and exceptionally robust plants. Huge heads of most unusual flowers. These plants make excellent subjects for the garden and should be used in profusion in regions where orchids can be grown outdoors. They quite rival such famous garden orchids as Vanda and Dendrobium.

- 1C-206—S. Humboldtii x C. Skinneri alba—Pinks—Spring
2" 3"
- 1C-207—S. Lyonsii Alba x Bc. Mrs. Leeman—Straws—Summer
3"
- 1C-208—C. Guttata-Lc. Calizona x S. Lyonsii Alba—Greenish pinks—Fall
3"
- 1C-209—Sc. Curlyhead x C. Skinneri—Pink—Spring.
4"
- 1C-210—Lyonara Forecaster (Sc. Harry Dunn x L. Autumnalis)—Metalic purple—Summer and Fall
3" 4"
- 1C-211—L. Autumnalis alba x S. Lyonsii alba—White—Fall
3" 4"
- 1C-212—C. R. Prowe x S. Lyonsii Alba—White—Fall
1 1/2" 2" 3" 4"
- 1C-213—Sc. Curlyhead x C. Bertii—Purples—Winter
1 1/2"
- 1C-214—S. Lyonsii x C. Guttata Leopoldi—Metalic purple—Fall
1 1/2" 2" 3"
- 1C-215—Sc. Harry Dunn x C. Bowringiana—Red purple—Fall
3" 4"
- 1C-216—S. Lyonsii x Epi. Biffidum—Purple—pink—Fall
2" 3"
- 1C-217—Sc. Harry Dunn x C. R. Prowe—Lavender—variable
3" 4"
- 1C-218—S. Kalihi x C. R. Prowe—Lavender—Winter
1 1/2"
- 1C-219—Epi. Prismatocarpum x S. Lyonsii—Heavily spotted, maroon—Winter
1 1/2" 2"
- 1C-220—L. Anceps x S. Lyonsii—Lavender—Winter
1 1/2"
- 1C-221—C. Guatemalensis x Sc. Curlyhead—Red purples—Winter
1 1/2" 2"
- 1C-222—S. Tibicinis (Yellow var. x self)—Yellow dark lip—Spring
1 1/2"

REED STEM EPIDENDRUMS

We offer two forms—our famous Rainbow hybrids of twelve colors and the new hybrids where the flowers are twice the size of the Rainbow hybrids. These plants like sunshine and should be grown outdoors whenever the temperature will not fall below 40° F. at night. In many cases they have been subjected to frost and survived. The plants are continuously in flower and are wonderful for cut flowers or display pots. They reproduce very freely from Keikis (aerial plantlets) produced on the old flower stems.

- 1C-223—Pflavii x Pudicum—White to pink
4"
- 1C-224—Rose Glow—Dark Rose
4"
- 1C-225—Orange Glow—Brilliant orange
4"
- 1C-226—Saffron Glow—Yellow orange
4"
- 1C-227—Pauoa Rainbow—Rose pink
4"
- 1C-228—Kahili x Orange Glow—Dark orange
4"
- 1C-229—Rainbow Hybrids—Red, Yellow, Lavender, Light Lavender, Pink, Rose, Dusty Rose, Peach, Fuschia, Orange and Buff, Geranium Red.
keikis per doz.

Lower left blossoms — Rainbow hybrids (1-229). Large cluster, individual blossom, lower right, Glow series, (1C-224 to 1C-228).



CYPRIPEDIUM

CYPRIPEDIUM HYBRIDS

For both cut flower use and plant display the *Cypripedium* hybrids are unrivaled. They are also among the easiest of all orchids to grow in the home where one does not have a greenhouse. Flowers are exceptionally long lasting and as they flower primarily during late Fall—Winter—to early Spring, they are a welcome sight when most other flowers are non-existent. Pot in a rich organic compost—Keep moist at all times—50% shade—Fertilize once a week with any good liquid fertilizer except during mid winter and dull days. Plants average 3-4 growths per five inch pot.

- IC-230—Dillys var. Extra (Adorn x Effa)—Spotted green and brown 5"
 IC-231—Mauretania (Alcibiades x F. M. Ogilirve)—Spotted 5"
 IC-232—Sir Redvers Buller (Insigne x Smithii)—Purple red 4"
 IC-233—Gold Mohur x Burleigh—Brown and green 5"
 IC-234—Aladin (Atlantis x Delenatii)—Pink 5"
 IC-235—Royal George (Harrisonianum x Minos)—Dark Red 5"
 IC-236—Purpuratum (species)—White and purple 4"
 IC-237—Mirable var. Splendens (Callosum x Barbatum)—Purple red and white 5"

- IC-238—Alma Gevaert (Lawrencianum x Maudiae)—Green and white 5"
 IC-239—Perseus F.C.C.R.H.S. (Alcibiades x Lady Dillon)—Red and white 5"
 IC-240—Baldur var. Magnificum (G. F. Moore x Niobe)—Red 5"
 IC-241—Alcibiades var. Magnificum (Leeanum x Mons. de Curte)—White and brown 5"
 IC-242—King Arthur var. Burgoyne (Bingleyense x Mons. de Curte)—Purple Red 5"
 IC-243—Amberly Gem (Earl of Tankerville x Formidable)—Spotted dwarf 5"
 IC-244—Hestia var. Giganteum (Cyclops x Lady Dillon)—Spotted 5"
 IC-245—Bonita (Great Mogul x Nancie Gamble)—White spotted green brown 5"
 IC-246—Hazel (Bruno x Grey Friar)—Large spots 5"
 IC-247—Wellesly x Woodnote—Deep green 5"
 IC-248—Col. Cary Batten x Golden Wren—Yellow—brown 5"
 IC-249—Leeanum var. Hawaii (Insigne x Spicerianum)—Green and brown. 5"
 IC-250—Theresa, Best var. (Selma x Swallow)—Mahogany spotted 5"
 IC-251—Sanacderae var. Theresa (Insigne Sanderæ x San Actæus)—Green 5"
 IC-252—Eurybiades (Alcibiades x Hera)—Light mahogany green spotted 5"
 IC-253—Oscar Sherman (Jasmine x Walter Moore)—Yellow mahogany spotted to green tan 5"
 IC-254—Winifred, Choice var. (Balbus x Gold Mohur)—Brown spotted 5"

- IC-255—Juda var. Westonbirt AMRHS (Alabaster x Bronzino)—Red 5"
 IC-256—Leyburnense var. Magnificum (Royal George x Sir Redvers Buller)—Red 5"
 IC-257—Macaw var. Monarch (Jura x Swallow)—Mahogany spotted 5"
 IC-258—Denshaw, Alston var. (Perseus x Prince Albert)—Mahogany spotted 5"
 IC-259—Andreen (Green Knight x Andromache)—Green brown 5"
 IC-260—Imperial (Andromache x Fairlight)—Green mahogany to mahogany painted green 5"
 IC-261—Alderman (Christopher x J. M. Black)—Mahogany spotted 5"
 IC-262—Mem. J. H. Walker (Lady Dillon x Cardinal Mercier)—Mahogany 5"
 IC-263—Greenville (Bodiam x Gahram)—Yellow 5"
 IC-264—Helem (Bailing Hill x Worsleyi)—Mahogany spotted 5"
 IC-265—Firebrand (Balaclava x Cardinal Mercier)—Light brown spotted 5"
 IC-266—Marion, Westonbirt var. (Marne x Scipio)—Brown green spotted 5"
 IC-267—Ramesia var. Pyramid (Cyclops x Hadrian)—Light mahogany spotted 5"
 IC-268—Pericles, Fine var. (Petrel x Worsleyi)—Mahogany spotted 5"
 IC-269—Roann (Ranellow x Hugh Maclean)—Red mahogany 5"
 IC-270—Roundhead (Earl of Tankerville x Nitens)—Mahogany 5"
 IC-271—Semiramus, Fine var. (Juliet x Lady Phulmoni)—Mahogany spotted 5"
 IC-272—Pocahantas (Lawrence of Arabia x Selene)—Yellow 5"
 IC-273—Angels Luscombe (Cardinal Mercier x Chardmore)—Mahogany green spotted 5"
 IC-274—Aldergrove (Beaufort x Ophelia)—Yellow 5"
 IC-275—Elaine II var. Luna (Letty x Redcap)—Yellow green 5"
 IC-276—Dervish (Bordube x Grace Darling)—Yellow green 5"
 IC-277—Cyclops Westonbirt var. A.M.R.H.S. (Actæus x Fulshawense) 5"
 IC-278—Langtye (Mongolia x Ophelia)—Yellow green 5"
 IC-279—Blagrose (Cardinal Mercier x Eurybiades)—Mahogany green 5"
 IC-280—Warrior, Greens var. (Alcibiades x Lord Wolmer)—Brown spotted 5"
 IC-281—Makeda (Charlotte Dillon x Lady Dillon)—Light mahogany spotted. 5"
 IC-282—Atlantis The Cardinal (Cardinal Mercier x Chloris)—Red. 5"
 IC-283—Reindeer (Golden Eagle x Viking)—Mahogany green. 5"
 IC-284—Our Prince A.M.R.H.S. (Goliath x Tommy Curte)—Mahogany spotted. 5"
 IC-285—Doris Black (Florence Spencer x Golden Wren)—Yellow green. 5"
 IC-286—Undine var. Imperial (Elaine x Moonbeam)—Green yellow. 5"
 IC-287—Lilith var. Gladstone Bronze Award var. (Chrysostom x Marne)—Light brown green. 5"
 IC-288—Cappamagna var. Fred Sanders F.C.C.R.H.S. (Cardinal Mercier x Nubia)—Red.

GROUP OF CYPRIPEDIUM HYBRIDS



ONCIDIUM ALLIANCE

A wonderful group of plants to grow as companion plants to the Cattleya Alliance. The large proportion of the hybridizing in this section has been done by Mr. W. W. G. Moir of Honolulu. His tremendous interest in this group of orchids, his knowledge of the species, and the fine collection of stud plants he has to work with have created an entirely new concept to the value of this section.

Wonderful new colors, long graceful sprays of dainty flowers, lasting quality both as cut flowers and on the plants plus ease of growth due to hybrid vigor as opposed to the obstinacy of many species, makes them truly a wonderful new addition to the flora of the orchid world.

CULTURE:

These plants are light lovers. They are quite tolerant of dry atmospheric conditions making them most suitable as house plants. Watering should be kept on the dry side. Pot either in treefern, Osmunda, or Bark media. Fertilize only when in growth.

LARGE GROWING ONCIDIUMS

These are known as the Dancing Lady Orchids. They are ideal either as cut flowers or display plants. Exceptionally easy to grow.

- 1C-289—*Ansiferum* x *Ampliatum*—Yellow—Spring 1 1/2"
1C-290—*Sprucei* x *Splendidum*—Brown and yellow—Winter 2"
1C-291—*Guttatum* (species)—Green and Pink—Fall 4"
1C-292—*Altissimum* (species)—Yellow and brown—Spring 5" 6"
1C-293—*Lenalena* (*Altissimum* x *Sarcodes*)—Yellow and brown—Spring 3" 4"
1C-294—*Splendidum*—Yellow and brown—Winter 4"
1C-295—*Don Carlos* (*Stenotis* x *Powellii*)—Light brown—Spring 5" 6"
1C-296—*Maculatum*—Brown and yellow—Fall 4" 5"
1C-297—*Varicosum* x *Blanchettii*—Dark yellow—Fall 4" 5"
1C-298—*Brazil* x *Concolor*—Brilliant yellow—Summer to fall, 1 1/2" 2" 3"
1C-299—*Brazil* x *Montanum*—Yellow—Summer to fall, 1 1/2" 2" 3"
1C-300—*Cabagrae* x *Montanum*—Yellow and brown—Fall, 1 1/2" 2" 3"
1C-301—*Powellii* x *Aloisii*—Yellow brown—Fall, 1 1/2" 2" 3"
1C-302—*Carthagagenense* x *Splendidum*—Red yellow lip—Winter, 3" 4"
1C-303—*Brazil* x *Marshallianum*—Bright yellow—Fall, 1 1/2" 2"
1C-304—*Ornithorynchum* x *Leuochilum*—Pale pink—Winter and fall, 1 1/2" 2" 3" 4"
1C-305—*Guttatum* *Olivaceum* x *Stramineum*—Green—Spring, 1 1/2"
1C-306—*Brachyandrum* x *Hyphamaticum*—Brown and yellow Spring, 4", logs
1C-307—*Blanchettii* x *Crispum*—Dark brown to yellow—Fall, 4", logs
1C-308—*Maureen* x *Bicallosum*—Yellow and red—Winter—Early spring, 3"
1C-309—*Mem. Pepita de Restrepo* (*Luridum* x *Splendidum*)—Yellow—Early spring, 3" 5"
1C-310—*Divaricatum* x *Lanceanum*—Yellow with red pin stripes—Fall, 3"



ONCIDIUM HELEN BROWN (1C-319)

MINIATURE ONCIDIUMS

For those with space limitations, or anyone interested in perfection in miniature, these are the orchids you should grow. Tiny plants—a few inches high, that produce an abundance of the most beautiful dancing ladies ever seen. Very amenable to dry atmosphere so an excellent subject for home window culture.

- 1C-311—*Erma* *Warne* (*Urophyllum* x *Pulchellum*)—Yellow pink flush—Winter, 3"
1C-312—*Pulchellum* (species)—Dark pink—Fall, 1 1/2"
1C-313—*Intermedium* x *Barahonensis*—Yellow—Variable, 1 1/2"
1C-314—*Urophyllum* x *Variegatum*—Yellow—Spring, 1 1/2"
1C-315—*Helen Brown* x *Variegatum*—White and brown—Spring to summer, 1 1/2"
1C-316—*Jamaica* x *Henekenii*—Pink, black purple lip—Fall and winter, 1 1/2"
1C-317—*Lovely* (*Delight* x *Triquetrum*)—Beautiful pink—Fall, 1 1/2"
1C-318—*Triquetrum* x *Henekenii*—Red—Variable, 1 1/2"
1C-319—*Helen Brown* (*Triquetrum* x *Variegatum*)—White brown—Summer and fall, 1 1/2"

- 1C-320—*Canary* (*Intermedium* x *Flexuosum*)—Bright yellow—Spring, 1 1/2" 2"
1C-321—*Pinkie* (*Incurvum* x *Pulchellum*)—Pink—Fall, 3"
1C-322—*Pink Lady* (*Pulchellum* x *Ornithorynchum*)—Pink—Late summer, fall, 3"

MINIATURE ONCIDIUMS ON LOGS

- 1C-323—*Delight* x *Triquetrum*—Pink—Fall.
1C-324—*St. Anne* (*Pulchellum* x *Bernice*)—Pink—Spring and fall.
1C-325—*Helen Brown* (*Variegatum* x *Triquetrum*)—White and brown—Summer and Fall.
1C-326—*Agnes Ann* x *Pulchellum*—Pink—Variable.
1C-327—*Helen Brown* x *Sylvester*—White and brown—Summer.
1C-328—*Waikiki Sunset* (*Pulchellum* x *Intermedium*)—Sunset shades—Spring.
1C-329—*Helen Brown* x *Variegatum*—Brown and white—Summer.
1C-330—*Jamaica* x *Barahonensis*—Yellow—Fall.
1C-331—*Intermedium* x *Barahonensis*—Yellow—variable.

BRASSIA, BRACIDIUM, MILTASSIA

The genus *Brassia* and its combination with *Oncidium* to create *Bracidium* and with the genus *Miltonia* to create *Miltassia* are a fascinating group of orchids. Large flowers, interesting colors and tremendous vigor of growth. Nothing can be easier to grow. By all means try this group.

BRASSIA

- 1C-332—*Verrucosa Grandiflora* x *Gireoudiana majus*—Green and brown—variable. 2" 3" 4"
1C-333—*Gireoudiana majus* x *Maculata*—Green and brown—variable. 3" 4" 5"
1C-334—*Maculata* (species)—Dark brown—Summer. 5" 6"
1C-335—*Gireoudiana* (species)—Green and dark brown—Summer. 5" 6"
1C-336—*Longissima* (species)—Straw brown—Spring. 5"
1C-337—*Chlorops* (species)—Lime green and brown—Fall. 5"
1C-338—*Chloroleuca* x *Maculata*—Green and brown—Summer. 1 1/2" 2"
1C-339—*Longissima* x *Gireoudiana majus*—Dark brown and green. 4" 5"
1C-340—*Caudata* x *Longissima*—Lime green and brown—Spring. 4" 5"

BRACIDIUM

- 1C-341—*Betty Shiraki* (O. *Sphacelatum* x B. *Braciata*)—Green yellow—Spring. 6"
1C-342—O. *Lanceanum* x B. *Caudata*—Green and brown—Summer and fall. 2" 3"
1C-343—B. *Gireoudiana* x O. *Maureen*—Green and red—Summer. 1 1/2"
1C-344—O. *Blanchettii* x B. *Gireoudiana*—Greenish yellow—Spring. 3"
1C-345—O. *Wentworthii* x B. *Gireoudiana*—Yellow shades—Spring. 2" 3"
1C-346—*Supreme* (B. *Maculata* x O. *Papilio*)—Yellow—Spring. 3"
1C-347—B. *Maculata* x O. *Lamilligerum*—Brown, very strange shape—Summer. 1 1/2" 2"
1C-348—O. *Wyderi* x B. *Gireoudiana*—Brown yellow lip—Spring. 1 1/2" 2"
1C-349—B. *Gireoudiana* x O. *Isthmii*—Yellow—Spring. 4" 5"

MILTASSIA

- 1C-350—B. *Braciata* x M. *Bluntii*—Green and purple spotted—Spring. 2" 3"
1C-351—B. *Braciata* x M. *Moreliana*—Purple bronze—Spring. 1 1/2"
1C-352—*Flower Drum* (M. *Warscewiczii* x B. *Verrucosa*)—Red—Summer. 2" 3"
1C-353—M. *Warscewiczii* x B. *Gireoudiana*—Red and green—Summer. 1 1/2" 2"
1C-354—B. *Maculata* x M. *Wm. Kirch*—Pink flushed green—Spring. 1 1/2" 2" 3"
1C-355—B. *Longissima* x M. *Rozelii*—Cream yellow spotted—Spring. 3" 4"
1C-356—M. *Festiva* x B. *Verrucosa*—Brown—Spring. 3"
1C-357—M. *Spectabilis* x B. *Maculata*—Pale lavender—Spring. 1 1/2"

MILTONIA, ODONTONIA, MILTONIDIUM

All of the crosses of the genus *Miltonia* and its combination with *Odontoglossum* to create *Odontonia* and *Oncidium* to create *Miltonidium* offered in this list have as at least one parent a warm growing type. Hence these hybrids are per-

fectly compatible with *Cattleyas* without the necessity to create "cool house" conditions that usually are required for members of these genera. Furthermore all of the warm *Miltonias* make good cut flowers and unlike the "cool types" do not immediately die when cut. For the first time we are also able to offer crosses between the cool and warm groups. We have not seen results from these crosses but feel they offer a great potential.

MILTONIA

- 1C-358—*Moreliana* x *Russelliana*—Red purple—Spring. 1 1/2" 2"
1C-359—*Purple Queen* x *Goodale Moir*—Purple—Spring. 1 1/2"
1C-360—*Ann Warne* x *Jean Sabourin var. St. Paer*—Darkest Red—Spring. 1 1/2" 2"
1C-361—*Warscewiczii* x *Alderwood*—Red—Fall. 1 1/2"
1C-362—*Gaiety* x *Purple Queen*—Purple—Spring and fall. 1 1/2"
1C-363—*Warscewiczii* x *Regnellii Aurea*—Orange to red—Fall. 2" 3"
1C-364—*Regnellii Lutea* x *Clowesii*—Yellow bronze—Spring. 2" 3"
1C-365—*Festiva* x *Regnellii*—Lavender—Spring. 3"
1C-366—*Regnellii* x *Russelliana*—Brown with purple lip—Spring. 1 1/2"

ODONTONIA

- 1C-367—M. *Spectabilis* x O. *Laeve*—Lavender brown spots—Spring. 3"
1C-368—*Debutante* (M. *Warscewiczii* x O. *Cariniferum*)—Dark red, pink—All year. 3"
1C-369—M. *Spectabilis Lineata* x O. *Serene*—Yellow—Spring. 1 1/2"
1C-370—M. *Rozelii* x O. *Aicord-Adrien Lefebure*—White and brown—Fall. 1 1/2"

MILTONIDIUM

- 1C-371—M. *Festiva* x O. *Blanchettii*—Yellow—Late summer. 4"
1C-372—O. *Stenotis* x M. *Warscewiczii*—Red bronze yellow lip—Fall. 3"
1C-373—M. *Warscewiczii* x O. *Aloisii*—Red bronze yellow lip—Fall. 4" 5"
1C-374—M. *Warscewiczii* x O. *Maculatum*—Red—Winter. 3"
1C-375—M. *Warscewiczii* x O. *Splendidum*—Red bronze yellow lip—Winter. 3"
1C-376—*Ruffles* (O. *Ornithorynchum* x M. *Warscewiczii*)—Maroon purple—Fall. 1 1/2" 2" 3"
1C-377—M. *Rozelii* x O. *Forbesii*—Light brown—Winter. 1 1/2" 2"
1C-378—M. *Festiva* x O. *Leucochilum*—Pale lavender—Spring. 1 1/2" 2" 3" 4"
1C-379—*Lee Hirsch* (M. *Spectabilis Lineata* x O. *Varicosum Rogersii*)—Dark yellow—Spring. 1 1/2"
1C-380—M. *Festiva* x O. *Altissimum*—Yellow—Spring. 1 1/2"
1C-381—O. *Maculata* x *Miltonidium Lee Hirsch*—Pale yellow spotted—Spring. 1 1/2"

MILPASIA, BRAPASIA, ASPASIUM

In the *Oncidium* Alliance there is one rather small genus that has three species of tremendous vigor and ease of growth—*Aspasia*. Flowers have marvelous texture but they completely lack color. By crossing these species to *Miltonia* to create *Milpasia*, to *Brassia* to create *Brapasias* and to *Oncidium* to create *Aspasium* we have been able to add color and maintain vigor and texture of flower.

- 1C-382—A. *Principissa* x O. *Lanceanum*—Lanceanum color—Spring. 3"

- 1C-383—A. *Lunata* x Milt. *Spectabilis*—Lavender with maroon spots—Spring. 1 1/2" 2" 3"
1C-384—*Aspasium Regale* (A. *Epidendroides* x O. *Wyderi*)—Brown and yellow—Spring. 5"
1C-385—*Brapasias Serene* (A. *Principissa* x B. *Gireoudiana*)—Green yellow—brown spots—Spring and summer. 3"

OTHER INTERGENERIC ONCIDIUM ALLIANCE CROSSES

These are the rare crosses. Most of them were only possible to produce due to our advanced methods of embryo culture. In this group may well come many of the stud plants of the future. This should appeal to those of you that really want the unusual—different orchids. Descriptions are to the best of our knowledge but we frankly admit that in some of these combinations anything could happen.

- 1C-386—*Colmanara* (O. *Bictoniense* x *Miltonidium Lee Hirsch*)—Light purple—Winter. 1 1/2"
1C-387—*Brapasias Panama* x O. *Varicosum*—Yellow—Fall. 1 1/2"
1C-388—*Bracidium Coronet* x *Miltonidium Lustre*—Yellow and brown—Summer to fall. 1 1/2"
1C-389—*Trichocidium Elena* (*Trichocentrum albo-purpureum* x O. *Lanceanum*)—White and brown—Fall and spring. 1 1/2"
1C-390—*Miltonia Festiva* x *Trichopelia coccinea*—Red and lavender—Summer. 1 1/2" 2"
1C-391—*Rodreguezia Secunda* x O. *Brazil*—Red and yellow—Summer and fall. 2"
1C-392—O. *Triquetrum* x O. *Pendulum*—Red tones variable. 1 1/2"
1C-393—*Rodrasia Angelitos* (B. *Gireoudiana* x R. *Secunda*)—White—Summer. 3"
1C-394—*Trichopelia Suavis* x B. *Maculata*—White to pale green—Spring. 3"
1C-395—O. *Papilio* x *Trichopelia coccinea*—Red and yellow—Summer. 1 1/2"
1C-396—*Trichopelia Coccinea* x O. *Splendidum*—Red and yellow—Fall. 1 1/2"
1C-397—Milt. *Spectabilis* x *Rodreguezia Venusta*—White—Spring. 1 1/2" 2" 3"
1C-398—Milt. *Flavescens* x *Trichopelia Tortilis*—Straw color—Spring. 4"
1C-399—O. *Altissimum* x *Compertia Falcata*—Pale orange—Spring and summer. 1 1/2" 2"
1C-400—O. *Stenotis* x O. *Cariniferum*—Light brown—Fall. 4" 5"

HAWAIIAN ANTHURIUM HYBRIDS

Excellent subject to grow along with orchids. In tropical regions they make wonderful garden plants. Flowers last an exceptionally long time as cut flowers. We cannot ship to California, Louisiana and Arizona.

Culture: They require 50% shade—foliage and flowers burn in strong light. Keep moist at all times and water heavily. Humidity should never be below 70%. Temperature not less than 60 degrees at night. Pot in any good organic compost as you would a soil plant. Fertilize frequently. They are heavy feeders. Spray regularly with DDT to control thrips which cause white streaks in the flowers.

- 1C-401—*Andreanum, Hybrids*. These are the large flowers, you see in the florist's window. They make wonderful cut flowers. All sizes offered are flowering size. Colors: Blood red, pink, orange and red. Flowering size

- 1C-402—*Andreanum*. Pure White. Quite rare and much desired. Flowering size

UNITED STATES Price List for 1961 Catalog Prepaid by Air Mail

Number	Size	Price	Number	Size	Price	Number	Size	Price	Number	Size	Price	Number	Size	Price	Number	Size	Price	Number	Size	Price
1C-1	1½"	2.25	1C-26	1½" 2"	2.00 3.00	1C-50	3"	5.00	1C-77	3" 4"	4.00 7.50	1C-105	1½"	2.25	1C-137	4"	5.00	1C-161	1½" 2"	2.00 3.50
1C-2	1½"	2.25	1C-27	1½"	2.00	1C-51	2"	3.50				1C-106	1½"	2.25	1C-138	1½" 2"	2.00 3.00	1C-162	2" 3" 4"	3.00 4.00 7.50
1C-3	1½"	2.25	1C-28	2" 3"	3.00 4.00	1C-52	2"	3.50	1C-78	2" 3"	3.00 4.00	1C-107	1½"	2.25	1C-139	1½"	2.00			
1C-4	1½" 2" 3"	2.25 3.50 6.00	1C-29	5" 6"	15.00 20.00	1C-53	2"	3.50	1C-79	2" 3" 4"	3.00 4.00 7.50	1C-108	1½"	2.25	1C-140	3"	5.00	1C-163	2" 3" 4"	3.00 4.00 7.50
1C-5	3" 4"	5.00 7.50	1C-30	1½" 2"	2.25 3.50	1C-5 5	1½" 2"	2.00 3.50	1C-80	1½"	2.00	1C-110	1½"	2.25	1C-141	3" 4"	5.00 7.50			
1C-6	5"	15.00	1C-31	1½"	2.00	1C-56	3"	4.00	1C-81	1½"	2.25	1C-111	1½"	2.25	1C-142	1½"	2.00	1C-164	1½"	2.00
1C-7	6" 7"	15.00 20.00	1C-32	1½"	2.00	1C-57	3"	4.00	1C-82	1½"	2.00	1C-112	1½"	2.25	1C-143	4" 5"	7.50 10.00	1C-165	3" 4"	4.00 7.50
1C-8	5" 6"	15.00 20.00	1C-33	2" 3"	3.00 4.00	1C-58	2" 3"	3.50 5.00	1C-83	1½"	2.00	1C-113	1½"	2.25	1C-144	3" 4"	4.00 7.50	1C-166	3"	4.00
1C-9	5" 6"	15.00 20.00	1C-34	3" 4"	4.00 7.50	1C-59	4" 5"	7.50 10.00	1C-84	1½"	2.00	1C-114	4"	7.50	1C-115	3"	5.00	1C-145	4"	7.50
1C-10	2"	4.50	1C-35	1½" 2"	2.25 3.50	1C-60	4"	7.50	1C-85	1½"	2.00	1C-116	3"	5.00	1C-146	2" 3" 4"	3.00 4.00 7.50	1C-168	2" 3"	3.00 4.00
1C-11	2"	4.50	1C-36	1½" 2"	2.00 3.00	1C-61	4" 5"	7.50 10.00	1C-87	1½" 2"	2.25 3.50	1C-117	4"	7.50	1C-118	4"	7.50	1C-147	2"	3.50
1C-12	2"	4.50	1C-37	1½"	2.00	1C-62	4" 5"	7.50 10.00	1C-88	5" 6" 7"	15.00 20.00 25.00	1C-119	3" 4"	5.00 7.50	1C-148	1½"	2.00	1C-171	3"	4.00
1C-13	1½"	3.00	1C-38	4"	7.50	1C-63	3"	5.00	1C-89	2" 3"	3.00 4.00	1C-120	4" 5"	7.50 10.00	1C-149	1½" 2"	2.00 3.50	1C-172	3"	4.00
1C-14	3"	4.00	1C-39	4"	7.50	1C-64	4"	5.00	1C-90	1½"	2.00	1C-121	2"	4.50	1C-150	2" 3" 4"	3.00 4.00 7.50	1C-173	3" 4"	4.00 6.50
1C-15	1½" 2"	2.25 3.50	1C-40	3" 4"	5.00 7.50	1C-65	5"	20.00	1C-91	4"	7.50	1C-122	1½"	3.00	1C-123	1½"	3.00	1C-174	2" 3" 4"	3.00 4.00 6.50
1C-16	3"	4.00				1C-66	4"	7.50	1C-92	1½"	2.00	1C-124	1½"	3.00	1C-125	1½"	3.00	1C-151	2" 3"	3.00 4.00
1C-17	1½"	2.00	1C-41	3" 4"	5.00 7.50	1C-67	3" 4"	7.50 12.50	1C-93	1½"	2.00	1C-126	1½"	3.00	1C-127	1½"	3.00	1C-152	4"	10.00
1C-18	1½"	2.00	1C-42	3" 4"	5.00 7.50	1C-68	3" 4"	7.50 12.50	1C-94	3"	4.00	1C-128	2"	3.50	1C-129	2"	3.50	1C-153	1½"	2.25
1C-19	1½"	2.00	1C-43	3" 4"	5.00 7.50	1C-69	4" 5"	10.00 15.00	1C-95	3"	4.00	1C-130	2"	3.50	1C-131	2"	3.50	1C-154	1½" 2" 3" 4"	2.00 3.00 4.00 7.50
1C-20	1½" 2"	2.25 3.50	1C-44	3" 4"	5.00 7.50	1C-70	1½"	2.25	1C-96	4"	7.50	1C-132	4"	7.50	1C-133	3"	5.00	1C-155	3"	4.00
1C-21	1½" 2" 3"	2.00 3.00 4.00	1C-45	4"	7.50	1C-71	1½"	2.25	1C-97	4" 5"	8.50 12.50	1C-134	2"	3.50	1C-135	2"	3.50	1C-156	1½"	2.25
1C-22	1½" 2" 3"	2.25 3.50 5.00	1C-46	3" 4"	5.00 7.50	1C-72	3"	7.50	1C-98	5"	10.00	1C-136	4"	7.50	1C-137	4"	5.00	1C-157	2"	3.00
1C-23	1½" 2" 3"	2.25 3.50 5.00	1C-47	3" 4" 5"	5.00 7.50 12.50	1C-73	2"	4.50	1C-99	2"	3.00	1C-138	1½" 2" 3"	2.00 3.50 5.00	1C-139	1½"	2.00	1C-158	3" 4"	5.00 8.50
1C-24	1½"	2.00	1C-48	4"	7.50	1C-74	1½"	3.00	1C-100	2"	3.50	1C-140	3"	5.00	1C-141	3" 4"	5.00 7.50	1C-159	1½" 2" 3"	2.00 3.50 5.00
1C-25	1½"	2.25	1C-49	1½" 2"	2.00 3.50	1C-75	2" 3" 4"	3.00 4.00 7.50	1C-101	2"	3.00	1C-142	1½"	2.00	1C-143	1½"	2.00	1C-160	1½"	2.00
						1C-76	2"	3.00	1C-102	1½" 2"	2.25 3.50	1C-144	3" 4"	4.00 7.50	1C-145	4"	7.50	1C-161	1½" 2"	2.00 3.50
									1C-103	1½"	2.25	1C-146	2" 3" 4"	3.00 4.00 7.50	1C-147	2"	3.50	1C-162	2" 3" 4"	3.00 4.00 7.50
									1C-104	1½" 2"	2.25 3.50	1C-148	1½"	2.00	1C-149	1½" 2"	2.00 3.50	1C-163	2" 3" 4"	3.00 4.00 7.50
												1C-150	2" 3" 4"	3.00 4.00 7.50	1C-151	2" 3"	3.00 4.00	1C-164	1½"	2.00
												1C-152	4"	10.00	1C-153	1½"	2.25	1C-165	3" 4"	4.00 7.50
												1C-154	1½" 2" 3" 4"	2.00 3.00 4.00 7.50	1C-155	3"	4.00	1C-166	3"	4.00
												1C-156	1½"	2.25	1C-157	2"	3.00	1C-167	3"	4.00
												1C-158	3" 4"	5.00 8.50	1C-159	1½" 2" 3"	2.00 3.50 5.00	1C-168	2" 3"	3.00 4.00
												1C-160	1½"	2.00	1C-161	1½"	2.00	1C-169	3" 4"	4.00 6.50
												1C-162	1½"	2.00	1C-163	2" 3"	3.00 4.00	1C-170	3"	4.00
												1C-164	1½"	2.00	1C-165	3" 4"	4.00 7.50	1C-171	3"	4.00
												1C-166	3"	4.00	1C-167	3"	4.00	1C-172	3"	4.00
												1C-168	2" 3"	3.00 4.00	1C-169	3" 4"	4.00 6.50	1C-173	3" 4"	4.00 6.50
												1C-170	3"	4.00	1C-171	3"	4.00	1C-174	2" 3" 4"	3.00 4.00 6.50
												1C-172	3"	4.00	1C-173	3" 4"	4.00 6.50	1C-175	5"	7.50
												1C-174	2" 3" 4"	3.00 4.00 6.50	1C-175	5"	7.50	1C-176	5"	7.50
												1C-176	5"	7.50	1C-177	3"	4.00	1C-178	1½" 2" 3"	2.00 3.00 4.00
												1C-178	1½" 2" 3"	2.00 3.00 4.00	1C-179	3"	4.00	1C-180	1½" 2"	2.00 3.00
												1C-180	1½" 2"	2.00 3.00	1C-181	1½" 2"	2.00 3.00	1C-182	3" 4"	4.00 6.50
												1C-182	3" 4"	4.00 6.50	1C-183	1½"	2.00	1C-184	3" 4"	4.00 6.50
												1C-184	3" 4"	4.00 6.50	1C-185	1½"	2.00	1C-186	1½"	2.00
												1C-186	1½"	2.00	1C-187	1½"	2.00	1C-188	1½"	2.00
												1C-188	1½"	2.00	1C-189	1½"	2.00	1C-190	1½"	2.00
												1C-190	1½"	2.00	1C-191	1½"	2.00	1C-192	1½"	2.00
												1C-192	1½"	2.00	1C-193	1½"	2.00	1C-194	1½"	2.00
												1C-194	1½"	2.00	1C-195	1½"	2.00	1C-196	1½"	2.00
												1C-196	1½"	2.00	1C-197	1½"	2.00	1C-198	1½"	2.00
												1C-198	1½"	2.00	1C-199	1½"	2.00	1C-200	1½"	2.00
												1C-200	1½"	2.00	1C-201	1½"	2.00	1C-202	1½"	2.00
												1C-202	1½"	2.00	1C-203	1½"	2.00	1C-204	1½"	2.00
												1C-204	1½"	2.00	1C-205	1½"	2.00	1C-206	1½"	2.00
												1C-206	1½"	2.00	1C-207	1½"	2.00	1C-208	1½"	2.00
												1C-208	1½"	2.00	1C-209	1½"	2.00	1C-210	1½"	2.00
												1C-210	1½"	2.00	1C-211	1½"	2.00	1C-212	1½"	2.00
												1C-212	1½"	2.00	1C-213	1½"	2.00	1C-214	1½"	2.00
												1C-214	1½"	2.00	1C-215	1½"	2.00	1C-216	1½"	2.00
												1C-216	1½"	2.00	1C-217	1½"	2.00	1C-218	1½"	2.00
												1C-218	1½"	2.00	1C-219	1½"	2.00	1C-220	1½"	2.00
												1C-220	1½"	2.00	1C-221	1½"	2.00	1C-222	1½"	2.00
												1C-222	1½"	2.00	1C-223	1½"	2.00	1C-224	1½"	2.00
												1C-224	1½"	2.00	1C-225	1½"	2.00	1C-226	1½"	2.00
												1C-226	1½"	2.00	1C-227	1½"	2.00	1C-228	1½"	2.00
												1C-228	1½"	2.00	1C-229	1½"	2.00	1C-230	1½"	2.00
												1C-230	1½"	2.00	1C-231	1½"	2.00	1C-232	1½"	2.00
												1C-232	1½"	2.00	1C-233	1½"	2.00	1C-234	1½"	2.00
												1C-234	1½"	2.00	1C-235	1½"	2.00	1C-236	1½"	2.00
												1C-236	1½"	2.00	1C-237	1½"	2.00	1C-238	1½"	2.00
												1C-238	1½"	2.00	1C-239	1½"	2.00	1C-240	1½"	2.00

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Number	Size	Price	Number	Size	Price	Number	Size	Price	Number	Size	Price	Number	Size	Price	Number	Size	Price				
1C-185	1½"	2.00	1C-211	3"	4.00	1C-238	5"	17.50	1C-271	5"	15.00	1C-300	1½"	1.75	1C-327	Log	3.50	1C-363	2"	2.75	
	2"	3.00		4"	6.50								2"	2.75					3"	4.50	
1C-186	1½"	2.00	1C-212	1½"	2.00	1C-239	5"	17.50	1C-272	5"	15.00		3"	4.00	1C-328	Log	3.50	1C-364	2"	2.75	
	2"	3.00		2"	3.00	1C-240	5"	15.00	1C-273	5"	15.00	1C-301	1½"	1.75	1C-329	Log	3.50	1C-365	3"	4.50	
1C-187	3"	4.00		3"	4.00	1C-241	5"	15.00	1C-274	5"	15.00		3"	4.00	1C-330	Log	3.50	1C-366	1½"	1.75	
				4"	6.50	1C-242	5"	17.50	1C-275	5"	15.00	1C-302	3"	4.00	1C-331	Log	3.50	1C-367	3"	5.00	
1C-188	1½"	2.00	1C-213	1½"	2.00	1C-243	5"	15.00	1C-276	5"	15.00		4"	7.50	1C-332	2"	2.50	1C-368	3"	5.00	
	2"	3.00				1C-244	5"	17.50	1C-277	5"	15.00	1C-303	1½"	1.75		3"	3.50	1C-369	1½"	2.25	
1C-189	1½"	2.00	1C-214	1½"	2.00	1C-245	5"	17.50	1C-278	5"	18.50		2"	2.75	1C-333	4"	4.50	1C-370	1½"	2.25	
				2"	3.00	1C-246	5"	17.50	1C-279	5"	18.50	1C-304	1½"	1.75		5"	6.50	1C-371	4"	7.50	
1C-190	1½"	2.25		3"	4.00	1C-247	5"	17.50	1C-280	5"	18.50		2"	2.75	1C-334	5"	7.50	1C-372	3"	5.00	
1C-191	1½"	2.50	1C-215	3"	5.00	1C-248	5"	17.50	1C-281	5"	22.50		3"	4.00		6"	10.00	1C-373	4"	7.50	
				4"	7.50	1C-249	5"	7.50	1C-282	5"	22.50	1C-305	1½"	1.75	1C-335	5"	7.50	1C-374	5"	10.00	
1C-192	1½"	2.25	1C-216	2"	3.00	1C-250	5"	10.50	1C-283	5"	22.50		6"	10.00	1C-336	5"	7.50	1C-375	3"	5.00	
1C-193	3"	5.00		3"	4.00	1C-251	5"	10.50	1C-284	5"	22.50	1C-306	4"	7.50	1C-337	5"	7.50	1C-376	1½"	2.25	
	4"	7.50	1C-217	3"	5.00	1C-252	5"	10.50	1C-285	5"	22.50		Logs	7.50	1C-338	1½"	1.75		2"	3.50	
1C-194	1½"	2.25		4"	7.50	1C-253	5"	10.50	1C-286	5"	22.50	1C-307	4"	7.50		2"	2.75	1C-377	1½"	2.25	
	2"	3.50	1C-218	1½"	2.00	1C-254	5"	12.50	1C-287	5"	30.00		Logs	7.50	1C-339	4"	5.00		2"	3.50	
	3"	5.00				1C-255	5"	12.50	1C-288	5"	30.00	1C-308	3"	5.00	1C-340	5"	7.50	1C-378	1½"	2.00	
1C-195	1½"	2.25	1C-219	1½"	2.00	1C-256	5"	12.50	1C-289	1½"	1.75		5"	7.50		4"	5.00		2"	3.00	
	2"	3.50		2"	3.00	1C-257	5"	12.50	1C-290	2"	2.75	1C-309	3"	5.00	1C-341	5"	7.50		3"	4.00	
1C-196	1½"	2.00	1C-220	1½"	2.00	1C-258	5"	12.50	1C-291	4"	6.50	1C-310	3"	4.00	1C-342	6"	10.00	1C-379	1½"	2.25	
	2"	3.00	1C-221	1½"	2.00	1C-259	5"	12.50	1C-292	5"	7.50	1C-311	3"	4.50		3"	5.00	1C-380	1½"	2.25	
1C-197	1½"	2.25		2"	3.00	1C-260	5"	12.50	1C-293	5"	7.50	1C-312	1½"	1.75	1C-343	2"	3.50	1C-381	1½"	2.25	
1C-198	1½"	2.25	1C-222	1½"	2.00	1C-261	5"	12.50	1C-294	4"	8.50	1C-313	1½"	1.75	1C-344	3"	4.50	1C-382	3"	4.50	
1C-199	1½"	2.25	1C-223	4"	4.50	1C-262	5"	12.50	1C-295	5"	7.50	1C-314	1½"	1.75	1C-345	3"	4.50	1C-383	1½"	1.75	
	2"	3.50	1C-224	4"	4.50	1C-263	5"	15.00	1C-296	6"	10.00	1C-315	1½"	1.75		3"	4.50		2"	2.75	
1C-200	2"	4.00	1C-225	4"	4.50	1C-264	5"	15.00	1C-297	4"	7.50	1C-316	1½"	1.75	1C-346	3"	6.50		3"	4.50	
	3"	7.50	1C-226	4"	4.50	1C-265	5"	15.00	1C-298	5"	10.00	1C-317	1½"	1.75	1C-347	4"	7.50	1C-384	5"	12.50	
1C-201	3"	4.00	1C-227	4"	4.50	1C-266	5"	15.00	1C-299	1½"	1.75	1C-318	1½"	1.75	1C-348	5"	10.00	1C-385	3"	5.00	
1C-202	3"	5.00	1C-228	4"	4.50	1C-267	5"	15.00		2"	2.75	1C-319	1½"	1.75	1C-349	6"	10.00	1C-386	1½"	2.25	
	4"	7.50				1C-268	5"	15.00	1C-299	3"	5.00	1C-320	1½"	1.75		2"	3.50	1C-387	1½"	2.25	
1C-203	3"	5.00	1C-229	keiki		1C-269	5"	15.00		4"	7.50	1C-321	1½"	1.75	1C-350	3"	5.00	1C-388	1½"	2.25	
	4"	7.50		per doz	8.00	1C-270	5"	15.00	1C-299	4"	8.50	1C-322	1½"	1.75		4"	7.50	1C-389	1½"	2.25	
1C-204	3"	5.00	1C-230	5"	17.50				1C-299	5"	10.00	1C-323	1½"	1.75	1C-351	4"	7.50	1C-390	2"	3.50	
1C-205	1½"	2.25	1C-231	5"	15.00	1C-263	5"	15.00		6"	10.00	1C-324	1½"	1.75	1C-352	5"	10.00	1C-391	2"	3.00	
1C-206	2"	3.00	1C-232	4"	6.50	1C-264	5"	15.00	1C-296	4"	7.50	1C-325	1½"	1.75	1C-353	6"	10.00	1C-392	1½"	2.00	
	3"	4.00	1C-233	5"	15.00	1C-265	5"	15.00	1C-297	5"	10.00	1C-326	1½"	1.75	1C-354	7"	10.00	1C-393	3"	4.50	
1C-207	3"	4.00	1C-234	5"	15.00	1C-266	5"	15.00	1C-298	1½"	1.75	1C-327	1½"	1.75	1C-355	8"	10.00	1C-394	3"	5.00	
1C-208	3"	4.00	1C-235	5"	15.00	1C-267	5"	15.00		2"	2.75	1C-328	1½"	1.75	1C-356	9"	10.00	1C-395	1½"	2.25	
1C-209	4"	6.50	1C-236	4"	7.50	1C-268	5"	15.00	1C-299	3"	4.00	1C-329	1½"	1.75	1C-357	10"	10.00	1C-396	1½"	2.25	
			1C-237	5"	15.00	1C-269	5"	15.00		4"	7.50	1C-330	1½"	1.75	1C-358	11"	10.00	1C-397	1½"	2.00	
1C-210	3"	5.00				1C-270	5"	15.00	1C-299	5"	10.00	1C-331	1½"	1.75	1C-359	12"	10.00		2"	3.00	
	4"	7.50								6"	10.00	1C-332	1½"	1.75	1C-360	13"	10.00	1C-400	4"	6.50	
										7"	10.00	1C-333	1½"	1.75	1C-361	14"	10.00		5"	8.50	
										8"	10.00	1C-334	1½"	1.75	1C-362	15"	10.00	1C-401	flowering	size	2.50
										9"	10.00	1C-335	1½"	1.75				1C-402	flowering	size	3.00
										10"	10.00	1C-336	1½"	1.75							
										11"	10.00	1C-337	1½"	1.75							
										12"	10.00	1C-338	1½"	1.75							
										13"	10.00	1C-339	1½"	1.75							
										14"	10.00	1C-340	1½"	1.75							
										15"	10.00	1C-341	1½"	1.75							
												1C-342	1½"	1.75							
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												1C-362	1½"	1.75							

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PLAN A:

Three new seedlings of a different genera each month. This, over the period of a year will give you a most rounded collection of different orchids. Truly a way to build an unusual collection for the future. Prices are based on size of plants.

1 $\frac{1}{2}$ "	pot size . . .	Three per month at \$ 4.00 per month
2"	pot size . . .	Three per month at \$ 6.50 per month
3"	pot size . . .	Three per month at \$10.00 per month
4"	pot size . . .	Three per month at \$15.00 per month

Over the year it will include Three each of all the popular genera we grow such as Vanda, Renanthera, Dendrobium, Phalaenopsis, Botanical Novelties, Cattleyas, Oncidiums, Miltonias, etc.

PLAN B.

Limited to Cattleya and Allied Genera only. Many people prefer only Cattleyas and their close allies. Here we will ship only plants in this group. Three plants each month. Prices based on size of plants.

3 . . .	1 $\frac{1}{2}$ "	pot size plants each month for \$ 5.00 per month
3 . . .	2"	pot size plants each month for \$ 7.00 per month
3 . . .	3"	pot size plants each month for \$10.00 per month
3 . . .	4"	pot size plants each month for \$17.50 per month

It will include a wide assortment of types and colors with varying seasons. A way to build an exhibition collection for the future.

PLAN C.

Limited to Spray type Orchids **only**. Many people already have well rounded collections of Cattleyas. Hence what they want is to build a collection devoted to the more unusual orchids to give spice to the Cattleyas. Prices based on size of plants.

3 . . .	1 $\frac{1}{2}$ "	pot size plants each month for \$ 4.00 per month
3 . . .	2"	pot size plants each month for \$ 6.50 per month
3 . . .	3"	pot size plants each month for \$10.00 per month
3 . . .	4"	pot size plants each month for \$15.00 per month



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